Date Received 7-14-80

APT No. 17025
T. C. No. 80 199-011-13
Map Date 5-5-1980

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

APPLICATION FOR SOIL INVESTIGATION

1) NAME OF OWNER Turpin (LAST) Jack (FIRST) W. (MIDDLE)

2) ADDRESS OF OWNER 4931 Seacroft rd ZIP

3) PHONE NO. Home 525-5494 Office 377-4561

4) LOCATION OF PROPERTY * Rt 1 box 147 Pineville N.C.
(STREET OR COUNTY ROAD)

5) SUBDIVISION LOT NO. #2 BLOCK NO.

MAP BOOK NO. PAGE NO.

6) DEED REFERENCE: DEED BOOK PAGE NO.

Application is hereby made to the Mecklenburg County Department of Environmental Health for the conduct of a soil investigation and on on site inspection of the lot hereinabove described for the purpose of determining if the lot is suitable for the installation of an individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge.

* Hwy 49 South 2/10 mile beyond steele Creek fire dept road to right



7) ACCURATELY DIAGRAM & DIMENSION LOT

Jack Turpin
OWNER

EHD-5-76

Environmental Health Department's Copy

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SITE INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

S.I.R. No. 17025

T.C. No. P.O. 199-011-13

DATE ISSUED July 18, 1980

NAME OF OWNER Turpin, Jack W.

ADDRESS OF OWNER 4931 Seacroft Road, Charlotte, N. C. 28210

LOCATION OF PROPERTY Highway 49 South

As determined under the Rules and Regulations promulgated by the Commission for Health Services, Division of Health Services, North Carolina Department of Human Resources, Raleigh, North Carolina, the soils on the lot described above were found to be unsuitable for the installation of an individual septic tank, soil absorption system, due to the following reason:

Soil Texture Unsuitable

Soil Depth Unsuitable

Soil Permeability Unsuitable

Mike Sexton
John R. Adkisson, Environmentalist

EHD 8
(revised 3/25/80)

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX II
SITE EVALUATION

S.I.R. No. 17025
T.C. No. PO 194-011-13

(Ground Absorption Sewage Disposal)

OWNER: Jack W. Turpin
ADDRESS: 4431 Seacraft Road
COUNTY: Charlotte, N.C.
LOCATION OF SITE: Off Highway 49

DATE REQUESTED:
PLAT NO:
LOT SIZE: Approx 30,000 sq ft

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-10%	(S) PS U 2-10%	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	S (PS) U some 2-1 clay	S PS (U) 2-1 clay	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) U Blocky	S (PS) U weak Blocky	S PS U	S PS U
4. SOIL DEPTH (inches)	(S) PS U 48"	S (PS) U 42"	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	(S) PS U None	(S) None PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) PS U 76' To ground water	(S) PS U 76' To ground water	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S (PS) U Moderate To slow	S PS (U) slow	S PS U	S PS U
8. OTHER (specify)	S PS (U) Inadequate Area	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable	unsuitable		
10. SOIL SERIES	Cecil. Mecklenburg	Mecklenburg		

S - Suitable PS - Provisionally Suitable U - Unsuitable

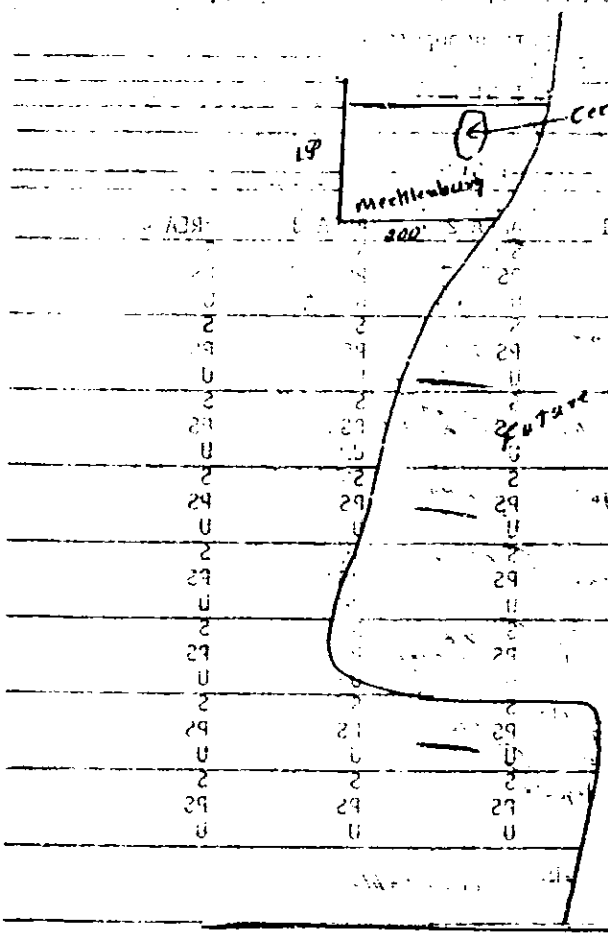
** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments:

Described By: William A. Martin
Title: Soil Scientist
Date: 2-16-80

DHS Form 2601
Sanitation
EHD 539 (2/80)

3rd Evaluation for #1 from Fire Dept. Smiley
½ Mile


Cecil-Mecklenburg
Mecklenburg
Highway 49

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE NORTH CAROLINA 28203

SOIL INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

SIR. NO. 17025
T.C. NO. PO 199-011-13
MAP DATE 3-17-82
DATE

NAME OF OWNER Turpin, Jack W.

ADDRESS OF OWNER 4931 Seacroft Road, Charlotte, NC 28210

LOCATION OF LOT Off: Highway #49, Lot 2

At your request and pursuant to Section 1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

SOIL PERMEABILITY (slow to very slow) UNSUITABLE

Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable (Section 10 of the North Carolina Administrative Code 10A. 1910).

If you desire to file for permission to install an "alternate or modified" system, you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily, approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R Hobisson

EHD 24

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX H
SITE EVALUATION

S.I.R. No. 17625
T.C. No. 20144-CH-13

(Ground Absorption Sewage Disposal)

OWNER: Jack W. Turner
ADDRESS: 4431 Devonshire Rd.
COUNTY: Charlotte, N.C. 28210
LOCATION OF SITE: off 44 South

DATE REQUESTED:
PLAT NO: #2
LOT SIZE: Approx 30,000 sq. ft.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-8%	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	S (PS) U 2-1 Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	(S) PS U 48"	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	(S) PS None U	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	(S) PS U 7 ft. to ground water	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S slow PS (U) to very slow	S PS U	S PS U	S PS U
8. OTHER (specify)	S PS U	S PS U	S PS U	S PS U

9. SITE CLASSIFICATION: unsuitable

10. SOIL SERIES: Mecklenburg

S - Suitable PS - Provisionally Suitable U - Unsuitable

** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments:

Described By: William A. Mullin
Title: Soil Scientist
Date: 3-16-82

DHS Form 2601
Sanitation
EHD 539 (2/80)

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NORTH CAROLINA 28203

SOIL INVESTIGATION REPORT
INDIVIDUAL SEPTIC TANK SYSTEM
WITH SUBSURFACE,
SOIL ABSORPTION,
EFFLUENT DISCHARGE

SIR. NO. 17025
T.C. NO. PO 199-011-13
MAP DATE 3-17-82
DATE

NAME OF OWNER Turpin, Jack W.

ADDRESS OF OWNER 4931 Seecroft Road, Charlotte, NC 28210

LOCATION OF LOT Off: Highway #49, Lot 3

At your request and pursuant to Section 1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Health Services, Subchapter 10A, a site evaluation has been made for an on premises ground absorption sewage disposal system on the property designated above and the following conditions were found:

SOIL DEPTH (36-40") UNSUITABLE

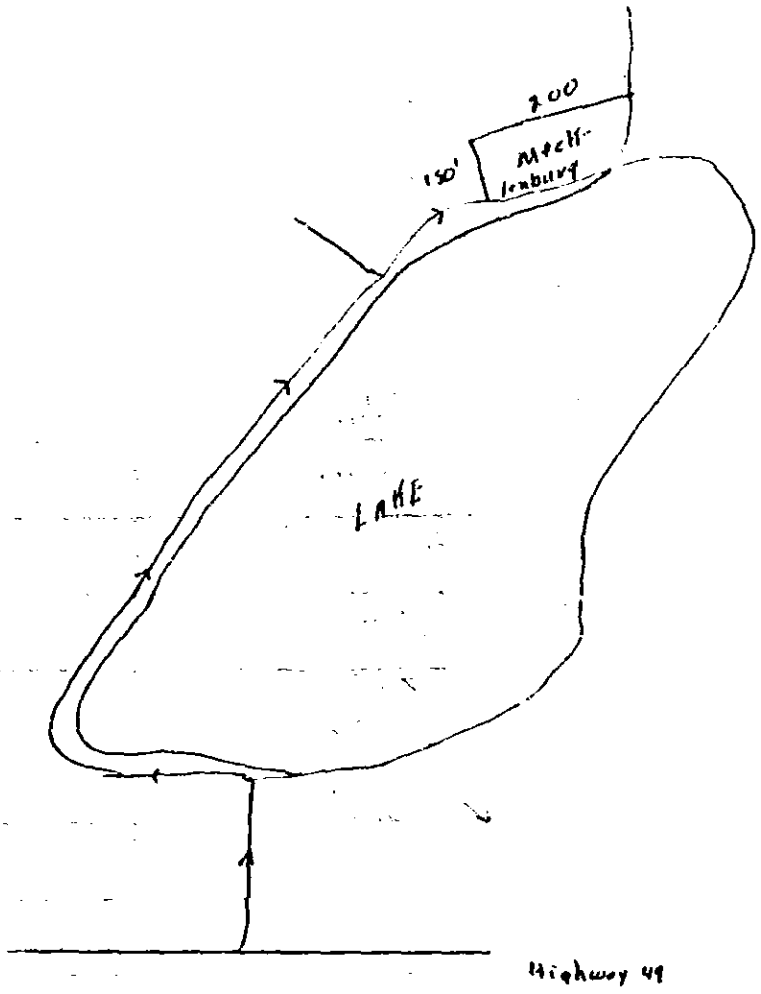
SOIL PERMEABILITY (very slow) UNSUITABLE

Sites classified as Unsuitable are not acceptable for soil absorption of sewage effluent. However, if engineering, geologic, soil, and environmental studies indicate that a suitable septic tank system or a suitable alternate system can be expected to function satisfactorily, such sites may be re-classified as Provisionally Suitable (Section 10 of the North Carolina Administrative Code 10A., 1910).

If you desire to file for permission to install an "alternate or modified" system, you should present this office with your proposals in the form of plans and specifications. These would be reviewed and if it is found that the system may reasonably be expected to function satisfactorily, approval may be given on the execution by you of a "Septic Tank Agreement Form" available in this office.

John R Atkisson

EHD 24


200
150'
Mecklenburg
LAKE
Highway 49

NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES
RALEIGH, NORTH CAROLINA

APPENDIX H
SITE EVALUATION

S.I.R. No. 17025
T.C. No. FC 149-01-13

(Ground Absorption Sewage Disposal)

OWNER: Josh W. Turner
ADDRESS: 4431 Beaucatcher Rd
COUNTY: Charlotte, N.C. 28210
LOCATION OF SITE: off 49 South

DATE REQUESTED:
PLAT NO: 33
LOT SIZE: Approx 43,560 sq. ft.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4
1. SLOPE (%)	(S) PS U 2-6%	S PS U	S PS U	S PS U
2. SOIL TEXTURE (12-36 inches) Sandy, Loamy, Clayey (Note 2:1 Clay)	S PS (U) 2-1 Clay	S PS U	S PS U	S PS U
3. SOIL STRUCTURE (12-36 inches)	S (PS) Weak Blocky U	S PS U	S PS U	S PS U
4. SOIL DEPTH (inches)	S (PS) 36-40" U	S PS U	S PS U	S PS U
5. RESTRICTIVE HORIZONS (inches) (Impervious strata, Rock)	S PS (U) Seasonal perched water Table	S PS U	S PS U	S PS U
6. SOIL DRAINAGE/GROUNDWATER (external and internal)	S PS (U) "	S PS U	S PS U	S PS U
7. SOIL PERMEABILITY (percolation rate)	S (PS) Very slow U	S PS U	S PS U	S PS U
8. OTHER (specify)	S PS U	S PS U	S PS U	S PS U
9. SITE CLASSIFICATION	unsuitable			
10. SOIL SERIES	Iredell			

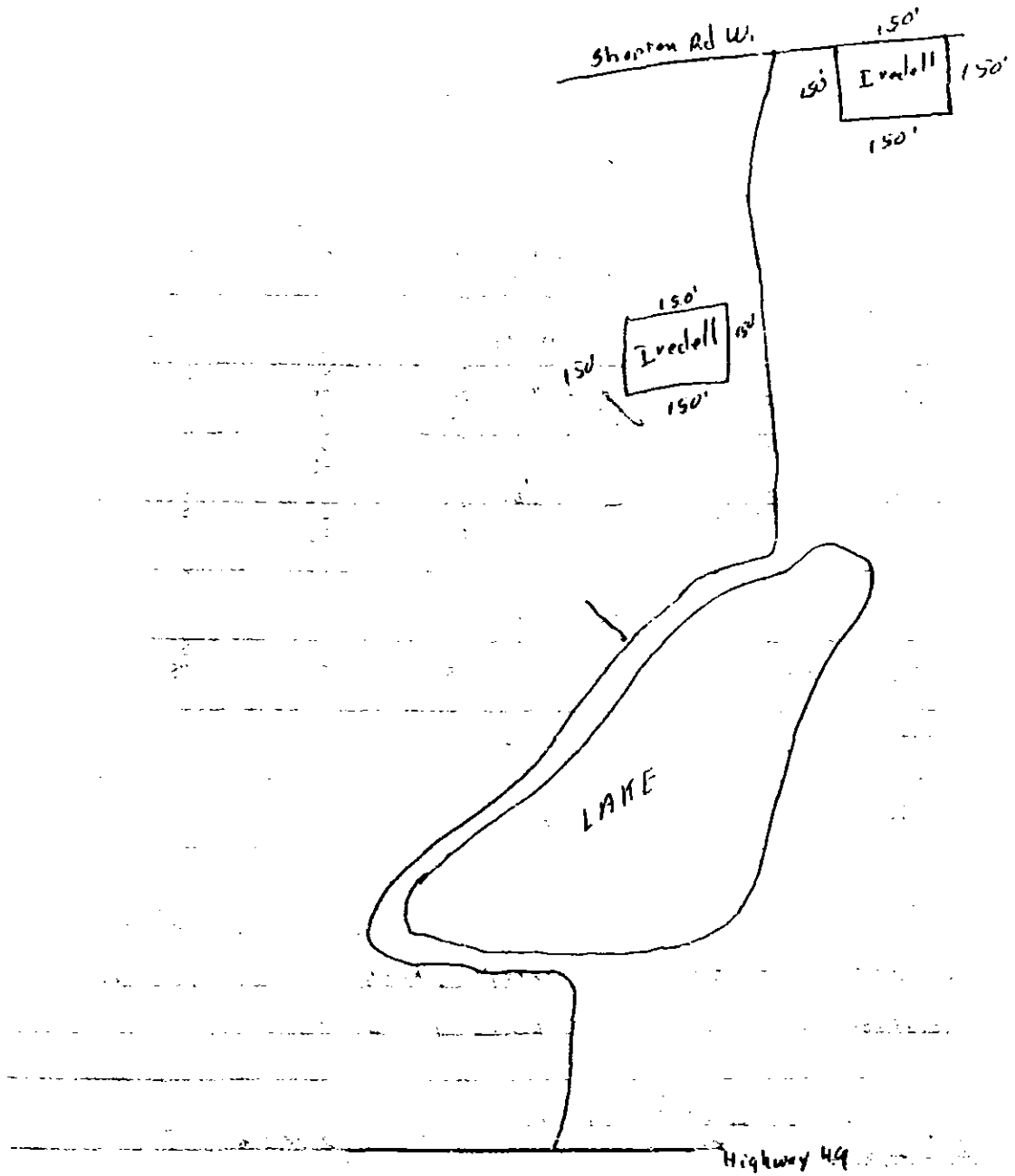
S - Suitable PS - Provisionally Suitable U - Unsuitable

** See Diagram on Back (includes: soil areas, property lines, roads, streams, gullies, wet areas, fill areas, wells, water bodies, slope)

Recommendations/Comments: 2 sites checked as possible locations for another building site

Described By: Virginia A. Marlin
Title: Soil Scientist
Date: 3-16-82

DHS Form 2601
Sanitation
EHD 539 (2/80)


Shenton Rd W.
150'
150'
Ivadell
150'
150'
150'
Ivadell
150'
150'
150'
LAKE
Highway 49

SEE INSTRUCTIONS ON BACK

Date Received 8-13-82

AUG 12 1982

ENVIRONMENTAL HEALTH

ICAR(S) Application No. 17025

T. C. No. 199-011-17

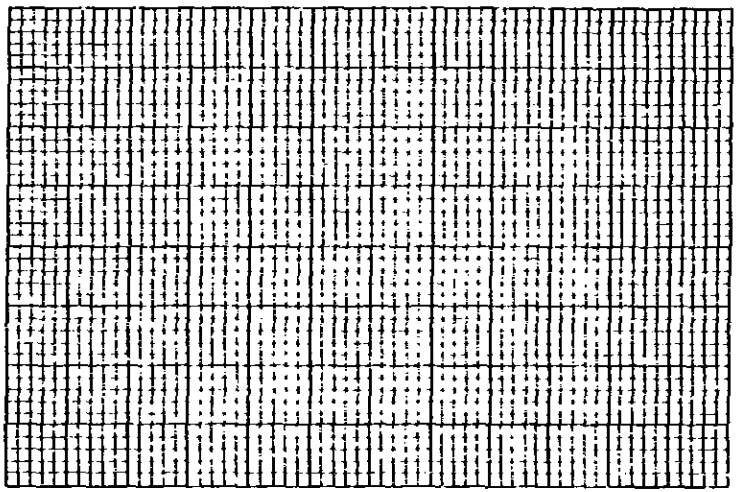
Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Application for an
Installation, Construction, Alteration, and/or Repair Permit
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

The owner of that property described hereinafter hereby applies to the Mecklenburg County Department of Environmental Health for a permit to:

1) ___ ✓ Install or Construct 2) ___ ___ Alter or Repair an individual septic tank wastewater treatment system with a subsurface, soil absorption, effluent discharge.



3) PLOT PLAN (ACCURATELY DIMENSIONED)

Mobile Home ___ Yes ___ No
Residence ✓ Yes ___ No

4) No. of Bedrooms 4
5) Business Use — Max No Employees ___
6) Washing Machine ✓ Yes ___ No
7) Garbage Disposal ✓ Yes ___ No
8) Dishwasher ✓ Yes ___ No
9) Water Supply:
A) Individual Well 405deep
B) Governmental System ___
C) Community System:
1. Well source ___
2. Governmental source ___
10) Sewage System:
House located within 200 feet of public sewer ___ Yes ✓ No
House located within 200 feet of community sewer ___ Yes ___ No
11) FHA Case No. ___
12) VA Case No. ___

13) NAME OF OWNER Turpin (LAST) Jack (FIRST) W (MIDDLE)

14) ADDRESS OF OWNER 4931 Seaford Rd Charlotte N.C 28210

15) PHONE NO. Home 523-5494 Office 365-3500

16) LOCATION OF SYSTEM 13550 York rd Charlotte N.C. (STREET OR COUNTY ROAD)

17) SUBDIVISION ___ Lot No. ___ Block No. ___

Map Book No. 4414 Page No. 62

18) DEED REFERENCE — DEED BOOK 4414 AT PAGE 62

19) HAS A SOIL INVESTIGATION BEEN RUN? ✓ YES ___ NO DATE RUN ___

20) PTR NUMBER (See Instructions) ___

The undersigned person hereby agrees that he has read the foregoing application and that the contents of same are true. It is understood that any permit applied for herein shall be void and of no effect if any of the above facts are not true.

3-4-82
DATE OF APPLICATION

Jack Turpin
OWNER

EHD-S-76

ENVIRONMENTAL HEALTH DEPARTMENT COPY

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

SEPTIC TANK AGREEMENT 17025

COPY

13550 York rd

The undersigned, Jack Turpin, owner of property located at Rt 1 Box 474 Pineville, ("the site") and described in instrument recorded in Book 4474 at Page 624, Mecklenburg Public Registry, hereby acknowledges that he applied to the Department of Environmental Health for a permit to install a septic tank sewage disposal system on the site; the Department evaluated the site for suitability for such a system in accord with the regulations promulgated by the North Carolina Commission for Health Services as 10 NCAC 10A .1900 et seq; that the Department classified the site as Unsuitable and an appropriate permit was issued by the Department.

The undersigned further acknowledges that the proper design, construction, and maintenance of such septic tank system is his responsibility and that neither the Department nor its officials, employees or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time, or that the Department, its officials, employees or agents assume any liability for damages, consequential or direct, which are caused, or which may be caused by a malfunction of such system.

This document shall be placed on the public records of the Register of Deeds of Mecklenburg County and indexed therein under the Grantor Index in the name or names of the undersigned, and the foregoing acknowledgements shall henceforth be binding on all persons claiming any right, title, or interest in the site.

And the undersigned further agrees for himself, his heirs and assigns that he shall indemnify and hold harmless the Department and its successors, as well as Mecklenburg County, for any damages or other claims of any person or persons whatsoever arising out of the installation operation, or failure of said septic tank system.

And the undersigned further agrees for his heirs and assigns that, in the event any septic tank system installed under authority of the aforesaid permit fails to perform adequately, in any respect, he will take whatever measures are required to correct same; or if such is impossible he will discontinue use of said system immediately.

Use of the singular masculine pronoun forms herein shall be deemed to also include the plural and feminine forms as the context may require.

PRESENTED FOR REGISTRATION
Jul 12 12 PM '82
CHARLES E. ROSS
REGISTER OF DEEDS
MECKLENBURG

This 3 day of May, 1982

Jack Turpin (Seal)
(Seal)

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, Janice H. Poulton, a Notary Public for said County and State, do hereby certify that Jack Turpin personally appeared before me this date and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and notarial seal, this 3rd day of May, 1982.

Janice H. Poulton
Notary Public
My Commission Expires: May 2, 1986

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally came before me this day and acknowledged that he is _____ of _____, and that by authority duly given and as the act and deed of said corporation, the foregoing instrument was signed in its name by its _____, sealed with its corporate seal and attested by _____.

WITNESS my hand and notarial seal, this _____ day of _____, 19__.

_____
Notary Public
My Commission Expires:

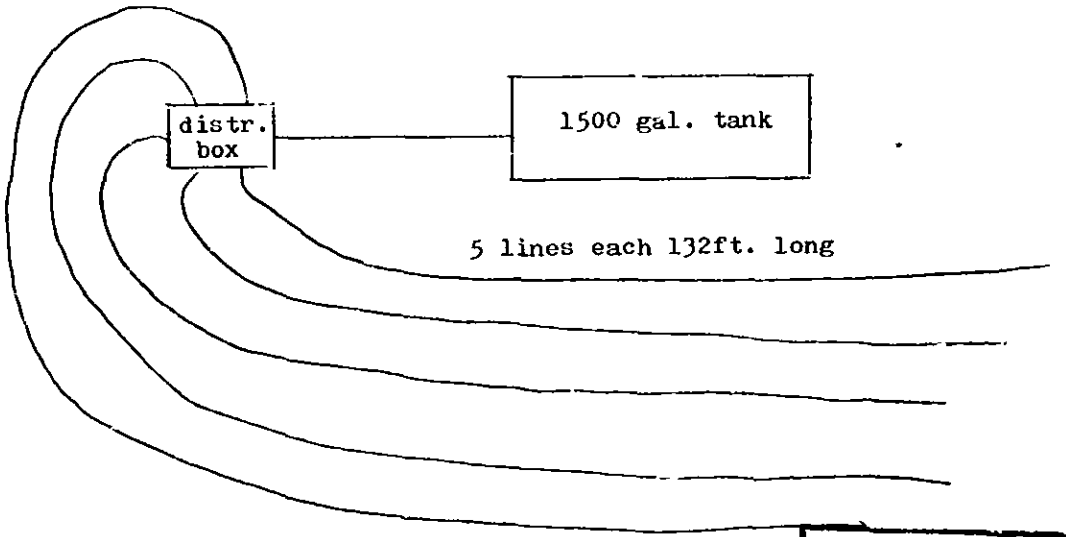
April 27, 1982

The following is a proposal for a septic tank system for the home to be constructed by Mr. Jack W. Turpin in the Steel Creek community of Mecklenburg County.

The General Contractor is the Starnes Development Corporation, 5900 Camden Drive, Matthews, N. C, 28105. Telephone: 704-764-3435

The system will consist of a 1500 gallon holding tank constructed of concrete and located at least ten feet from the perimeter of the house. The distribution box will be connected to the tank by a solid 4 inch PVC pipe and will service a total of 660 feet of drain line (5 separate lines, each 132 feet long). Each line will be 36 inches wide, 30 inches deep and will be spaced at least 10 feet apart from the adjoining line. Each line will contain 6 inches of sand on the bottom. On top of the sand will be 12 inches of rock, then the 4 inch PVC drain line covered level with 1 inch of rocks for a total of 17 inches of rocks. Each drain line will follow the contour of the ground and will meet all applicable standards for the proper fall and elevation in relation to the distribution box.

This system will be installed by an experienced and reputable septic tank system contractor.



Jack E. Starnes 4-27-82

Jack E. Starnes, President — Date
Starnes Development Corporation

MECK COUNTY DEPARTMENT OF
RECEIVED
APR 28 1982
ENVIRONMENTAL HEALTH

3T 8-13-82

LA No. 17025

Serial No. 5850

Date Issued 8-13-82

T. C. No. PO 199-011-13

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

IMPROVEMENT PERMIT

TO THE BUILDING INSPECTION DEPARTMENT

APPROVAL OF LOT FOR INSTALLATION OF AN INDIVIDUAL SEPTIC TANK WITH SUBSURFACE, SOIL ABSORPTION, EFFLUENT DISCHARGE

NAME OF OWNER Turpin, (LAST) Jack (FIRST) W. (MIDDLE)

ADDRESS OF OWNER 4931 Seacroft Rd., Charlotte, NC ZIP 28210

LOCATION OF LOT 13550 York Road (STREET OR COUNTY ROAD)

SUBDIVISION _____ LOT NO. _____ BLOCK NO. _____

MAP BOOK NO. _____ PAGE NO. _____

The above specified lot is approved by the Mecklenburg County Department of Environmental Health for the installation of an individual septic tank system with subsurface, soil absorption, effluent discharge based on the soil investigation, on an on-site inspection of the said lot; and upon the information supplied in the "Application for an Installation, Construction, Alteration, and/or Repair Permit", number 17025. This approval is subject to the following terms and conditions:

1. That the nitrification field be installed, constructed, altered and/or repaired in the same area where the soil investigation was run.
2. That an "Installation, Construction, Alteration, and/or Repair Permit" be issued and in full force and effect when the system is installed, constructed, altred, and/or repaired and that the system be installed in accordance with same.

This approval may be revoked and the building inspection department requested to revoke any building permit (s) which have been issued to authorize construction on the said lot if at any time it is determined that any information contained in the "Application for an Installation, Construction, Alteration, and/or Repair Permit" is not correct or is untrue or that the septic-tank system is not being installed, constructed, altered and/or repaired in accordance with a valid Installation, Construction, Alteration, and/or Repair Permit.

*** AGREEMENT CARD ON FILE ***

Environmentalist

Mike Sexton
Environmental Health Director, or Authorized Section Head

EHD-5-76

Environmental Health Department's Copy

Date Issued 3-3-83

Serial No. 6033

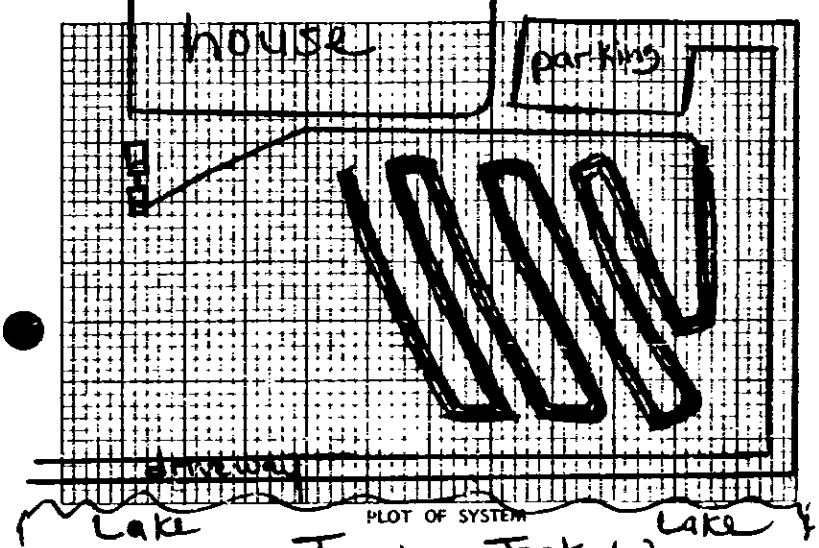
ICAR(S) Permit No. 17025

P.O. T.C. No. 199-011-13

Map Date

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ___ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 17025, dated 3-4-82 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 4-3-83, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate unsuitable

Liquid Capacity of Tank 1000 gallons 1500 gallons

Tank Construction precast concrete

Absorption and/or Nitrification Lines:

Total Line Length 660'

Number of Lines one

Distance from House >10'

Distance from Property Line >10'

Distance from Well >100'

NAME OF OWNER Turpin, Jack W.

LOCATION OF PROPERTY 13550 York Road

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Comments: Pump up to a drop box + elbow pipe downward - install a 3' wide trench x 6" sand + 12" of stone x 660' long - step down as needed to maintain 1-2' cover. pump station with riser + alarm switch set pump to cycle 400 gallons

Division or Section Head

Mike Sexton
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-S-74 pump requirements - 30 gpm at 12' head

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY